

FORM PTO-1449	SERIAL NO. Not assigned	CASE NO. 11320/33
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE 1/2004	GROUP ART UNIT 1635
(use several sheets if necessary)	APPLICANT(S): Brennan et al.	

## REFERENCE DESIGNATION

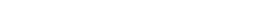
## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

SEARCHED - INDEXED - DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES      NO

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
JEA	A1	Beck-Nielsen, Henning and Groop, Leif C., <i>Metabolic and Genetic Characterization of Prediabetic States: Sequence of Events Leading to Non-insulin-dependent Diabetes Mellitus</i> , The Journal of Clinical Investigation, Vol. 94, pp. 1714-1721, 11/94.
	A2	Stern, Michael P. and Mitchell, Braxton D. <i>Genetics of Insulin Resistance</i> , IN: <i>Insulin Resistance, The Metabolic Syndrome X</i> , Reaven, Gerald M. and Laws, Ami (Eds), Humana Press Inc., Totowa, NY, pp. 3-18, 2001.
	A3	Després, Jean-Pierre and Marette, André. <i>Obesity and Insulin Resistance, Epidemiologic, Metabolic, and Molecular Aspects</i> , IN: <i>Insulin Resistance, The Metabolic Syndrome X</i> , Reaven, Gerald M. and Laws, Ami (Eds), Humana Press Inc., Totowa, NY, pp. 51-81, 2001.
	A4	Fan, Wei, et al., <i>The Central Melanocortin System Can Directly Regulate Serum Insulin Levels</i> , <i>Endocrinology</i> , Vol. 141, pp. 3072-3079, 2000.
	A5	Saltiel, Alan R. <i>The molecular and physiological basis of insulin resistance: emerging implications for metabolic and cardiovascular diseases</i> , <i>The Journal of Clinical Investigation</i> , Vol. 106, pp. 163-164, 07/2000,
	A6	Cone, Roger D. <i>Haploinsufficiency of the melanocortin-4 receptor: part of a thrifty genotype?</i> <i>The Journal of Clinical Investigation</i> , Vol. 106, pp. 185-187, 07/2000.
	A7	Kadowaki, T. <i>Insights into insulin resistance and type 2 diabetes from knockout mouse models</i> . <i>The Journal of Clinical Investigation</i> , Vol. 106, pp. 459-465, 08/2000.
	A8	Obici, Silvana, et al., <i>Central melanocortin receptors regulate insulin action</i> , <i>The Journal of Clinical Investigation</i> , Vol. 108, pp. 1079-1085, 10/01.
↓	A9	Hani, El Habib, et al., <i>Naturally Occurring Mutations in the Melanocortin Receptor 3 Gene Are Not Associated with Type 2 Diabetes Mellitus in French Caucasians</i> , <i>The Journal of Clinical Endocrinology &amp; Metabolism</i> , Vol. 86, pp. 2895-2898, 2001.
JEA	A10	Itagaki, Eiji, et al., <i>Increases in Plasma ACTH and Cortisol after Hypertonic Saline Infusion in Patients with Central Diabetes Insipidus</i> , <i>The Journal of Endocrinology &amp; Metabolism</i> , Vol. 86, pp. 5749-5754, 2001.

EXAMINER  DATE CONSIDERED 7-10-06

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APPLICANT(S): Brennan et al.		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A11	Arslanian, Silva A., et al., <i>Metformin Therapy in Obese Adolescents with Polycystic Ovary Syndrome and Impaired Glucose Tolerance: Amelioration of Exaggerated Adrenal Response to Adrenocorticotropin with Reduction of Insulinemia/Insulin Resistance</i> , The Journal of Clinical Endocrinology & Metabolism, Vol. 87, pp. 1555-1559, 2002.
	A12	Jayagopal, V., et al., <i>The biological Variation of Insulin Resistance in Polycystic Ovarian Syndrome</i> , The Journal of Clinical Endocrinology & Metabolism, Vol. 87, pp. 1560-1562, 2002.
	A13	Wang, H. et al., <i>Human Resistin Gene: Molecular Scanning and Evaluation of Association with Insulin Sensitivity and Type 2 Diabetes in Caucasians</i> , The Journal of Clinical Endocrinology & Metabolism, Vol. 87, pp. 2520-2524, 2002.
JEA ↓	A14	Garg, Abhimanyu and Misra, Anoop. <i>Editorial: Hepatic Steatosis, Insulin Resistance, and Adipose Tissue Disorders</i> , The Journal of Clinical Endocrinology & Metabolism, Vol. 87, pp. 3019-3022, 2002.

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FORM PTO-1449		SERIAL NO. 10/764,712	CASE NO. 11320/33
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		FILING DATE January 23, 2004	GROUP ART UNIT
(use several sheets if necessary)		APPLICANT(S): Brennan et al.	

**REFERENCE DESIGNATION**      **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
JEA	B1	US 6,603,058		Brennan et al.		
JEA	B2	US 5,726,156		Girten et al.		

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
JEA	B3	WO 97/47316	6-1997	WIPO		

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
JEA	B4	L J Mullins et al., J Clin. Invest., "Perspectives Series: molecular Medicine in Genetically Engineered Animals", Apr. 1996, Vol. 97, No. 7, pp. 1557-1560.
	B5	R W Moreadith et al., J Mol Med, "Gene targeting in embryonic stem cells: the new physiology and metabolism," 75:208-216 (1997).
	B6	M F Pera et al., Journal of Cell Science, "Human embryonic stem cells," vol. 113, pp. 5-10 (2000).
	B7	L Yaswen et al., Nature Medicine, "Obesity in the mouse model of pro-opiomelanocortin deficiency responds to peripheral melanocortin," Sept. 1999, vol. 5, no. 9, pp. 1066-1070.
	B8	M Rubinstein et al., Nucleic Acids Research, "Introduction of a point mutation into the mouse genome by homologous recombination in embryonic stem cells using a replacement type vector with a selectable marker," 1993, vol. 21, no. 11, pp. 2613-2617.
↓	B9	H Krude et al., Nature Genetics, "Severe early-onset obesity, adrenal insufficiency and red hair pigmentation caused by POMS mutations in humans," June 1998, vol. 19, pp. 155-157.
JEA	B10	U. Hochgeschwender et al., Endocrinology, "Altered Glucose Homeostasis in Proopiomelanocortin-Null Mouse Mutants Lacking Central and Peripheral Melanocortin", December 2003, 144 (12): pp 5194-5202.

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FORM PTO-1445 <i>REPLACES FORM 1445, 10/99</i>	SERIAL NO. 10/764,712	CASE NO. 11320/33
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
JEA	C1	S. Bluher et al. "Responsiveness to Peripherally Administered Melanocortins in Lean and Obese Mice", Diabetes, Vol. 53, pp. 82-90 (2004)	
	C2	J. Knudtzon "Effects of Pro-Opiomelanocortin-Derived Peptides on Plasma Levels of Glucagon, Insulin and Glucose", Horm. Metabol. Res., 18, pp. 579-83 (1986)	
	C3	H. E. Lebovitz et al. "Relationships Between the Structure and Biological Activities of Corticotropin and Related Peptides: Hyperglycemic Action of N-Acetylated Corticotropin Related Peptides", Endocrinology, 79, pp. 635-42 (1966)	
	C4	H. E. Lebovitz et al. "Acute Effects of Corticotropin and Related Peptides on Carbohydrate and Lipid Metabolism", Ann N Y Acad Sci., 131(1), pp. 274-87 (1965)	
↓	C5	J. Knudtzon "Alpha-Melanocyte Stimulating Hormone Increases Plasma Levels of Glucagon and Insulin in Rabbits", Life Sciences, Vol. 34, No. 6, pp. 547-54 (1984)	
JEA	C6	C. J. Bailey and P. R. Flatt "Insulin Releasing Effects of Adrenocorticotropin (ACTH 1-39) and ACTH Fragments (1-24 and 18-39) in Lean and Genetically Obese Hyperglycaemic (OB/OB) Mice", Int. J. Obesity, 11, pp. 175-81 (1986)	

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APPLICANTS: Miles B. Brennan et al.		

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EXAMINER INITIAL		DOCUMENT NUMBER Number-Kind Code (if known)	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
JEA	D1	5,420,109	05/1995	Suto et al.		
	D2	5,726,156	03/1998	Girten et al.		
	D3	5,760,001	06/1998	Girten et al.		
↓	D4	5,786,332	07/1998	Girten et al.		
	D5	6,245,738	06/2001	Suto et al.		
JEA	D6	6,350,430	02/2002	Dooley et al.		

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER Number-Kind Code (if known)	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
JEA	D7	WO95/13086	05/1995	WIPO		
JEA	D8	WO96/27386	09/1996	WIPO		

EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS	
	(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)	
JEA	D9	Weinger M.B. et al., "The respiratory effects of the cytokine regulating agent HP 228 alone and in combination with morphine in human volunteers", Pharmacol Biochem Behav. 1998 March, 59(3): 759-66, abstract, one page
	D10	Schiott H.B. et al., "Characterization of the binding of MSH-B, HB-228, GHRP-6 and 153N-6 to the human melanocortin receptor subtypes", Neuropeptides, 1997 December; 31(3):565-71, abstract, one page
↓	D11	Calcutt N.A. et al., "Effects of the peptide HP228 on nerve disorders in diabetic rats", Metabolism, 1998 June;47(6):650-6, abstract, one page
JEA	D12	Abou-Mohamed G. et al., "HP-228, a novel synthetic peptide, inhibits the induction of nitric oxide synthase in vivo but not in vitro", J Pharmacol Exp Ther. 1995 Nov;275(2):584-91, abstract, one page

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